

Figure 1

Before Being Processed By Transport Stream Parser

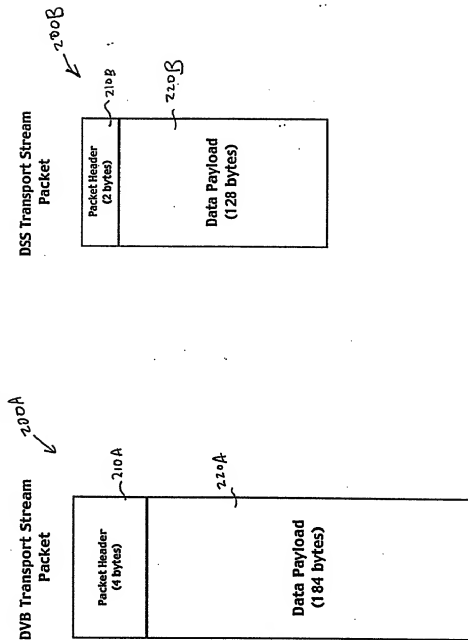
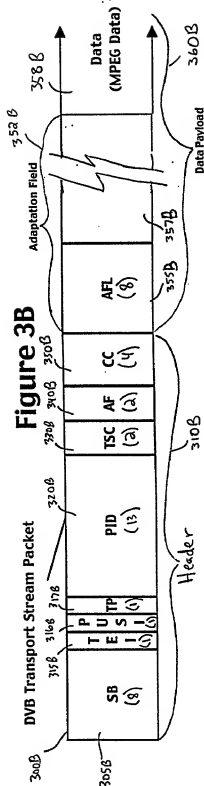
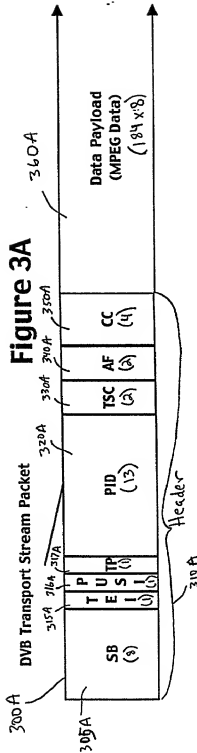


Figure 2A

Figure 2B



Adaptation Field Control (AF) values

Code	Description
00	Reserved
01	No Adaptation Field, data only
10	Adaptation Field only, no data
11	Adaptation Field followed by data

**Figure 3C**

← 300C

Figure 4A

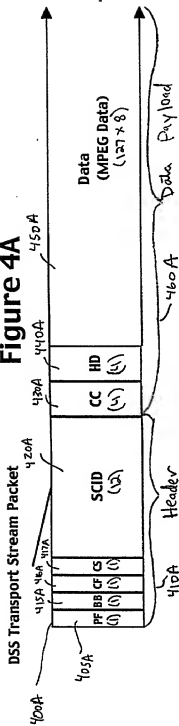
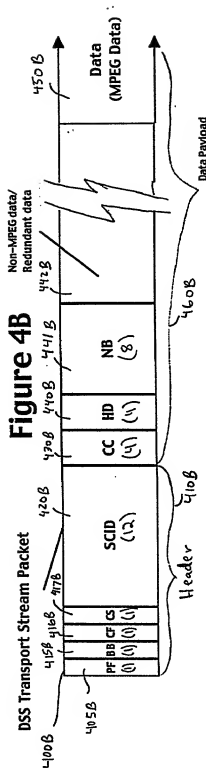


Figure 4B



Header Designator (HD) values

Code	Description
0000	Auxiliary data
01x0	MPEG video data
10x0	Redundant data followed by MPEG video data
11x0	Non-MPEG data followed by MPEG video data

Figure 4C

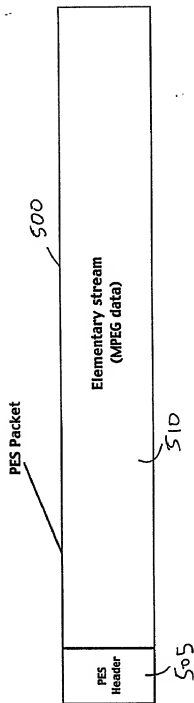


Figure 5

PES Packet Header

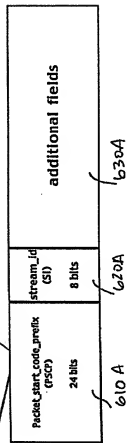
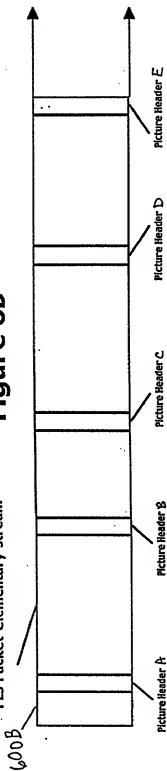


Figure 6A

Figure 6B

PES Packet elementary stream



Picture Header

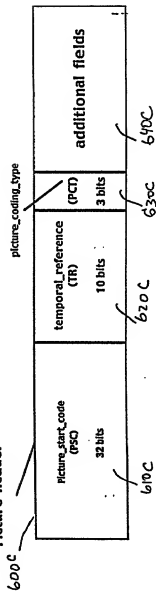


Figure 6C

TOPT-50-Processed By Transport Stream Parser  
After Being Processed By Transport Stream Parser

DVB Transport Stream  
Packet

700A

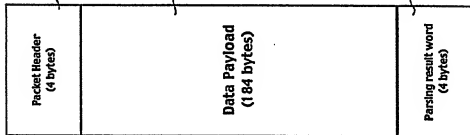


Figure 7A

DSS Transport Stream  
Packet

700B

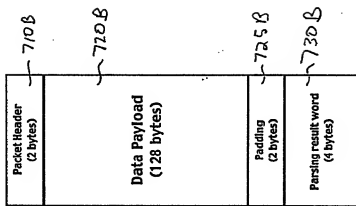
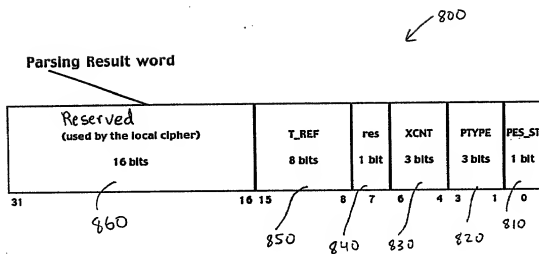
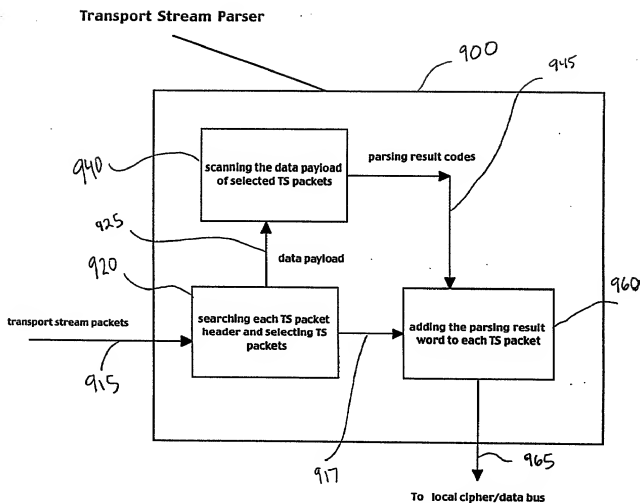


Figure 7B



**Figure 8**





**Figure 9**

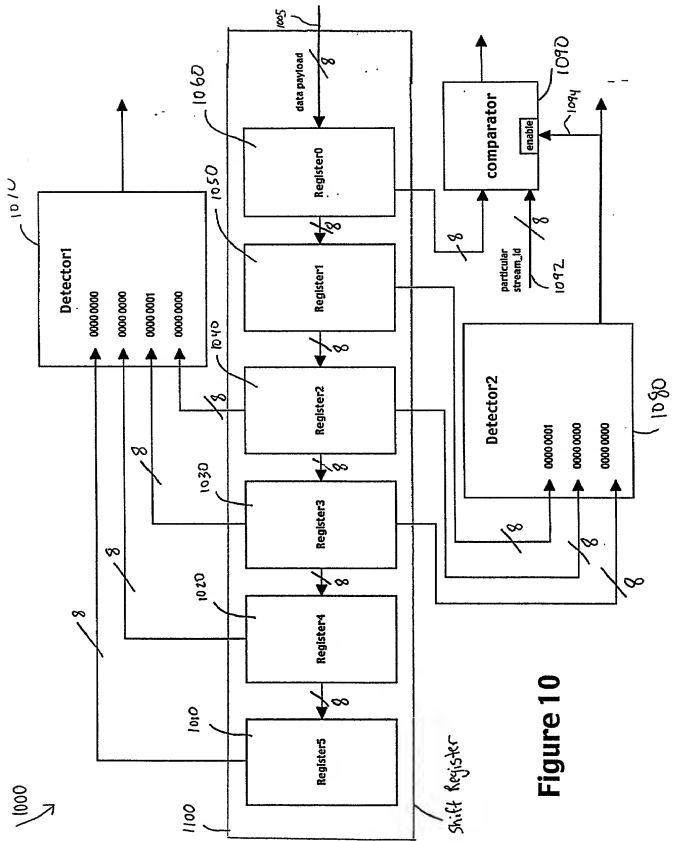


Figure 10

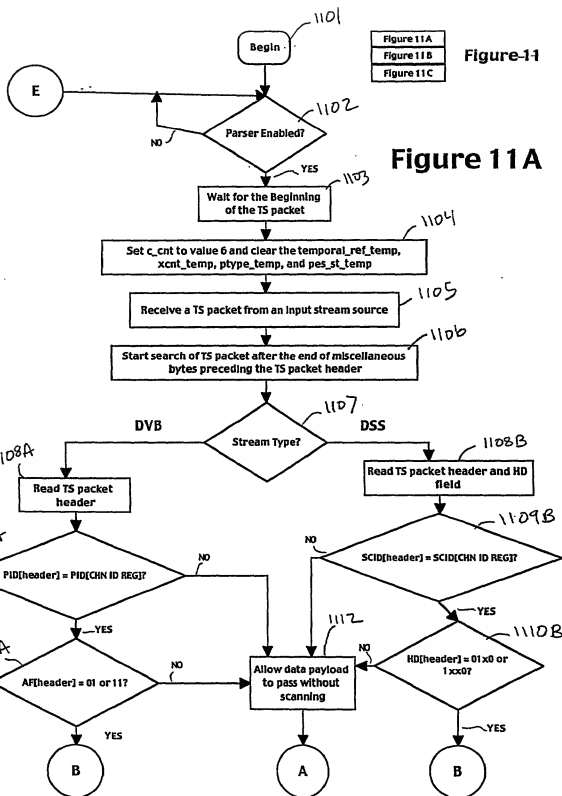


Figure 11B

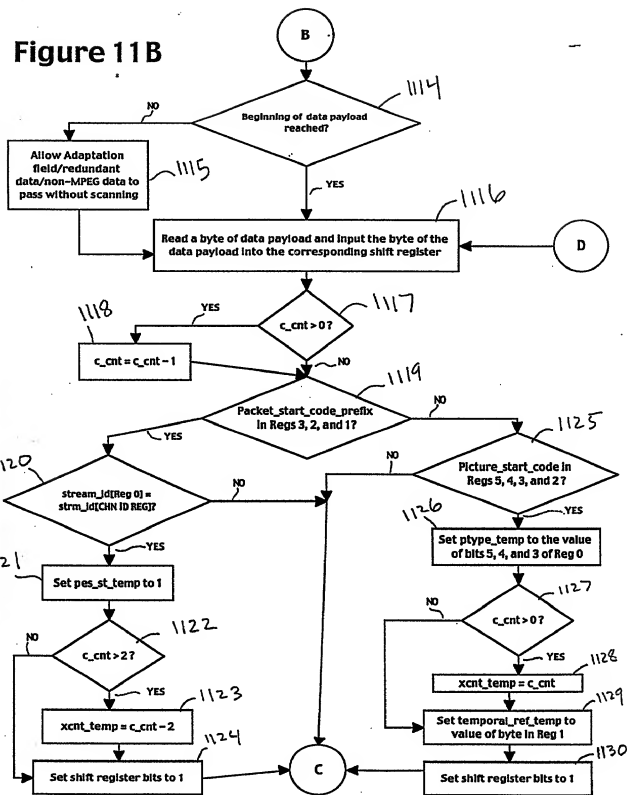
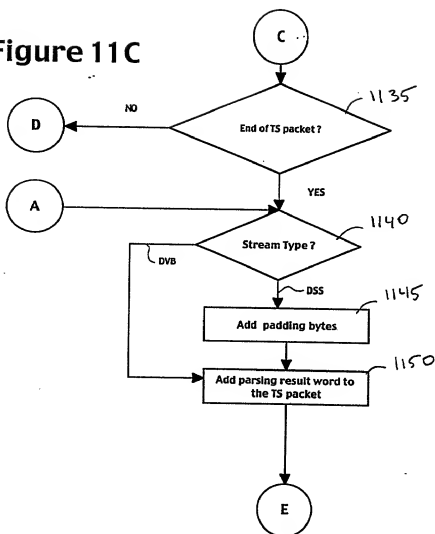
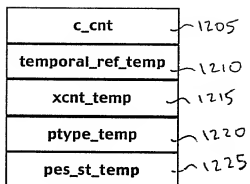


Figure 11C





**Figure 12**

Figure 13A

Parser Control Register

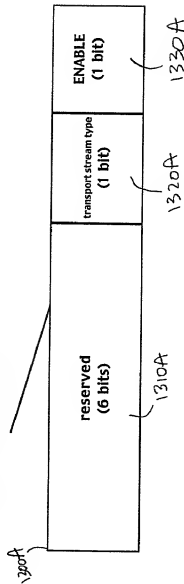
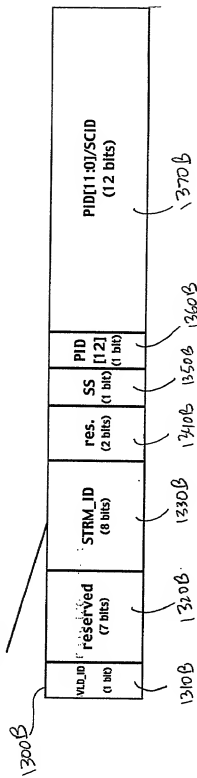


Figure 13B

Channel ID Register



1400  
↓

Index Table

1410

1420

parsing result word						TS packet pointer
RESERVED (used by the local cipher) 16 bits	T_REF 8 bits	res 1 bit	XCNT 3 bits	PTYPE 3 bits	PES_ST 1 bit	POINTER 1
RESERVED (used by the local cipher) 16 bits	T_REF 8 bits	res 1 bit	XCNT 3 bits	PTYPE 3 bits	PES_ST 1 bit	POINTER 2
RESERVED (used by the local cipher) 16 bits	T_REF 8 bits	res 1 bit	XCNT 3 bits	PTYPE 3 bits	PES_ST 1 bit	POINTER 3
RESERVED (used by the local cipher) 16 bits	T_REF 8 bits	res 1 bit	XCNT 3 bits	PTYPE 3 bits	PES_ST 1 bit	POINTER 4
RESERVED (used by the local cipher) 16 bits	T_REF 8 bits	res 1 bit	XCNT 3 bits	PTYPE 3 bits	PES_ST 1 bit	POINTER 5

Figure 14